

Notice of Allowability

Applicati n N .

09/579,160

Examiner

Adnan M. Mirza

Applicant(s)

ROMA I DALFO ET AL.

Art Unit

2145

-- The MAILING DATE f this communication appears on th cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 02/14/2006.
2. ☒ The allowed claim(s) is/are 1-17,19-32,34,35 and 37.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) f each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


JASON CARDONE
SUPERVISORY PATENT EXAMINER

Reasons For Allowance

1. Claims 1,2-17,19-32,34-35 and 37 have been allowed.

2. The following is an examiner's statement for allowance:

The prior art references most closely resembling the applicant's claimed invention are Hara et al (U.S. 6,199,111) and Ote et al (U.S. 6,199,180).

First Hara disclosed a network computing system for updating and adding data in a distributed client-server system through a network. Under Hara, a client system having a common communication unit communicates via a connection management unit with a plurality of servers each having a common communication unit. That is, Hara teaches data communications between a client and one or more servers through a connection management unit. However Hara did not disclose, "re-establishing communication between the machine automation server object to cause the machine automation client object via a communications mechanism after rebooting of the client machine completes" (claims 1,16,34,35).

Second Ote disclosed, "A manager for monitoring and controlling faults and performance of a plurality of computers on a network. A service processor board (SVP)-hardware—in the computer to be managed monitors faults in and controls power to the computer. A remote management computer communicates with the SVP via an asynchronous communication interface. Through the connection to the SVP, the remote computer can monitor faults in and

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control power to the computer to be managed. Ote teaches monitoring of and control of power to a client from a remote management computer through a SVP in the computer to be managed”.

However Ote did not disclose, “re-establishing communication between the machine automation server object to cause the machine automation client object via a communications mechanism after rebooting of the client machine completes”(claims 1,16,34,35).

In summary, the Examiner submits that there is no motivation to combine the aforementioned references; As the all the claims fall together as 1,16,34 and 35 therefor for the purpose of explanation, reference will be specific to claim 1. As claims 1 is directed to a machine automation system for automating control of software tests on a client machine under control of a server process. The system includes a predefined machine automation server object class adapted to execute in the server process and a predefined machine automation client object class adapted to execute on the client machine (Detailed Description, Page 7 line 24-Page 8, line 11). A machine automation control module instantiates a machine automation server object, of the machine automation server object to instantiate one of the machine automation client objects of the machine automation client object class on the client machine to control the testing of the client machine (Invention description, Page 8, line 21-Page 9, line 7). Ote disclosed, “The power controller 12122 receives the power off request and it now immediately controls the power unit 13 to turn off the power”. The power controller is hardware, and thus cannot instantiate any objects, as the term “instantiate” and “objects” relates to the claim, i.e. software; therefore, claims 1,2-17,19-32,34-35 and 37 have been deemed allowable over the prior art.

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Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “ Comments on Statement of Reasons for Allowance.”

Examiners' Amendment

An Examiner's Amendment to the record appears below. Should the changes and/or additions be unacceptable to applicants, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it must be submitted no later than the payment of the issue fee.

Authorization for this Examiner's Amendment was given in a telephone interview with Mr. Tadd F. Wilson on 05/12/2006 cancel claims 3 & 36

Please replace claims 1 and 35 with the claims herein below and cancel claims 3 and 36.

As per claim 1, "A machine automation system for automating control of a client machine under control of a server process, the system comprising: a predefined machine automation server object adapted to execute in the server process; a predefined machine automation client object class adapted to execute on the client machine in communication with the machine automation server object and the predefined machine automation client object class comprises one or more machine automation client objects for executing testing methods on the client machine; and a machine automation control module instantiating a machine automation server object of the machine automation server object class in the server process and instructing the machine automation server object to instantiate one of the machine automation client objects of the machine automation client object on the client machine to control operation of the client machine; and The machine automation server object includes a shutdown server object executing in the server process of a server machine, the machine automation client object includes a shutdown client object executing in a client process of the client machine, and the machine automation control module instructs the shutdown serve object to cause the shutdown

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client object to reboot the client machine and to re-establish communications with the shutdown client object via a communications mechanism after rebooting of the client machine completes.

As per claim 35, A computer program storage medium readable by a computer system and encoding a computer program for executing on a computer system a computer process for automating control of a first client machine and second client machine under control of a server process via a communications mechanism, for testing software on the first client machine and the second client machine, the computer process comprising: executing a machine automation control module in the server process; instantiating a first machine automation server object of a predefined machine automation control module; instructing the first machine automation server object to instantiate a first machine automation client object of a predefined machine automation client class on the first client machine, and the first machine automation client object for executing one or more testing methods on the client machine; instantiating a second machine automation server object of the machine automation server object class in the server process, under command of the machine automation control module; instructing the second machine automation server object to the instantiate a second machine automation client object of the machine automation client object class on the second client machine, and the second machine automation client object for executing one or more testing methods on the client machine; instructing the first machine automation server object to cause the first machine automation client object to control testing of the first client machine; instructing the second machine automation server object to cause the second machine automation client object to control testing of the second client machine; and Wherein the computer process further comprises: executing

the server process in a server machine; and instructing the first machine automation server object to cause the first machine automation client object to reboot the first client machine; instructing the second machine automation server object to cause the second machine automation client object to reboot the second client machine; re-establishing communications between the first machine automation server object and the first machine automation instructing the first machine automation server object to cause the first machine automation client object to reboot the first client machine; instructing the second machine automation server object tot cause the second machine automation client object to reboot the second client machine; re-establishing communications between the first machine automation server object and the first machine automation client object via the communications mechanism after rebooting of the first client machine completes; and re-establishing communications between the second machine automation server object and the second machine automation client object via the communications mechanism after rebooting of the second client machine completes.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Adnan Mirza whose telephone number is (571) 272-3885. The examiner can normally be reached on Monday through Friday from 9:30 A.M. to 5:30 P.M..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor Jason Cardone, can be reached on (571) 272-3933. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.